

***DLSS Undefined Data Impact on
Component ERPs/Modernizations &
Legacy Systems***

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Outline

- **Definition**
- **Issue**
- **Undefined data types**
- **Impact**
- **Component-unique data studies**
- **Alternatives**
- **Recommendations**
- **Summary**
- **Discussion**



Definition

Undefined data, in this context, are data transmitted within the DLSS & DLSS-like transaction sets, for which business rules, validation criteria, and meta data have not been vetted through the PRCs and are therefore undocumented in DoD 4000.25 series manuals.



Issue

Impact of undefined data contained within standard DLSS & DLSS-like transactions on Component ERP and other modernization efforts migrating to DLMS.



Undefined Data Types

- **Intra-Service transactions such as “B”, “C”, & “X” series**
- **Undefined multi- or dual-use record positions in existing DLSS transactions**
- **Service use of DLSS “Blank” record positions**



Impact

- Undefined data are passing intra- and inter-Component
- Meanings and rules not centrally documented
- DAASC does not convert most undefined data
- Volume/criticality of undefined data unknown
- Concealed undefined data **Could Break System** could negatively impact



Component Undefined Data Studies

**LMI review of Army, Navy, Air Force, &
DLA data studies**

- **Most S/A undefined data can easily be accommodated in DLMS**
- **LMI prepared draft change proposals**
- **DLMSO & Components team effort to fix**



Alternative 1

**Burden on
DAASC**

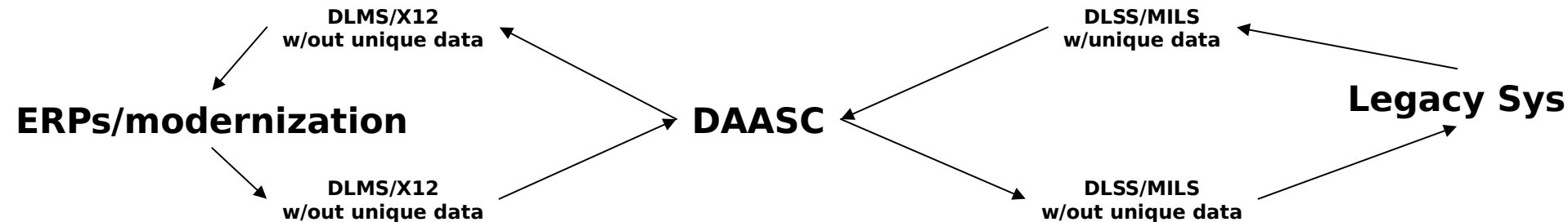
DAASC purges undefined Component data during DLSS to DLMS conversion process:

Pros

- Simplified processing
- ERP/modernization operates in pure environment

Cons

- Component data lost
- Component impact unknown



Components would be “put on notice” and offered assistance in identification of undefined data requirements



Alternative 2

**Burden on
DAASC**

**DAASC purges undefined Component data going to ERP/
modernization - reinstates data going back to
component during DLMS to DLSS conversion process:**

Pros

**No data lost
ERPs/modernizations
operate in pure environment**

Cons

- **Complicates conversion process**
- **DAASC impact unknown**
- **Undefined data never reaches transaction recipient - - any anticipated response not possible**





Alternative 3

DAASC-Component
shared burden

DAASC - ERP/modernization perpetuates undefined Component data retained during DLSS to DLMS conversion process:

Pros

- No data lost
- ERPs/modernization must store extra data

Cons

- Complicates conversion process - data not mapped to DLMS
- DAASC impact unknown
- ERPs/, modernization impact unknown





Alternative 4

**DLMSO/DAASC/
Component
shared burden**

Components and DLMSO define and map to DLMS multi- and dual-use data contained in DLSS transactions

Pros

- No data lost
- Draft change proposals prepared
- Data required for logistics business processes defined

Cons

- Change proposals must be validated, finalized & staffed
- DLSS/DLMS maps must be completed



Alternative 5

**DLMSO/DAASC/
Component
shared burden**

Components and DLMSO define and map applicable data contained in “B”, “C”, & “X” series transactions

Pros

- No data lost
- Draft change proposals prepared
- Data required for logistics business processes defined

Cons

- Change proposals must be validated, finalized & staffed
- DLSS/DLMS maps must be completed



Recommendations

- **Intra-Service transactions such as “B”, “C”, & “X” series -- Option 5**
- **Undefined multi- or dual-use record positions in existing DLSS transactions -- Option 4**
- **Service use of DLSS “Blank” record positions - Alternative 1**



Summary

- **Undocumented arrangements embedded in DLSS**
 - ❖ **Alternatives 1, 2 and 3 avoid issue and burden DAASC, DLMSO, & Components without resolving the issue**
 - ❖ **Alternatives 4 & 5 address issues and provide viable solutions**
- **Many years (decades) have passed without enforcement**
- **Risk - inadvertently dropping critical logistics**



Discussion



Backup



Policy Guidance

**Compliance with DoD Directive 8190.1, May 5, 2000,
subject: Defense Logistics Use of Electronic Data
Interchange (EDI) Standards**

- **Use only FIPS 161-2 approved data exchange standards for**

 - ❖ **Commercial partner interface**

 - ❖ **Internal EDI**

- **Implement with ongoing and planned system modernization**

- **Assign responsibilities for the direction,
management**

- coordination, and control of the implementation
process**



Policy Guidance

continued

Compliance with DUSD(L&MR) memorandum, November 30, 2000, subject: Community Data Exchange Services for Logistics Business Processes

- **DLMSO provide configuration management for all changes to logistics business processes regardless of EB/EC technology used**
- **DLMSO provide business rules for total logistics support for all EC community data exchange services for logistics business processes**
- **DAASC provide telecommunication support, archiving and storage, translation services, ASC X12/DLSS conversion processes, and other services to support Component implementation**